Code	Practice	Component	Units	Unit Cost
314	Brush Management	Mechanical, Light Equipment	ac	$13.13
314	Brush Management	Hand Tools and Chemical Treatment	ac	$48.37
314	Brush Management	Mechanical, Heavy, > 4 Inches DBH	ac	$72.68
314	Brush Management	Light Mechanical and Chemical	ac	$53.66
314	Brush Management	Chemical, Individual Plant Treatment	ac	$22.08
314	Brush Management	Mechanical, Medium 2 to 4 Inch DBH	ac	$46.04
314	Brush Management	Chemical - Ground Applied	ac	$15.59
314	Brush Management	Light Brush Management	ac	$5.48
314	Brush Management	Medium Brush Management	ac	$8.93
314	Brush Management	Hand tools, Woody Vegetation	ac	$30.98
315	Herbaceous Weed Control	Hand Tools, Herbaceous vegetation	ac	$15.58
315	Herbaceous Weed Control	Light Spot Treatment	ac	$3.51
315	Herbaceous Weed Control	Blanket Treatment Multi Pass	ac	$14.54
315	Herbaceous Weed Control	Forest Herbaceous Chemical Ground	ac	$20.72
315	Herbaceous Weed Control	Mechanical	ac	$13.13
315	Herbaceous Weed Control	Chemical, Spot	ac	$9.12
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$114.53
319	On-Farm Secondary Containment Facility	Single Wall Tank Replacement With A Double Wall Tank or Dike Tank	gal	$0.59
324	Deep Tillage	Deep Tillage less than 20 inches	ac	$2.61
324	Deep Tillage	Deep Tillage more than 20 inches	ac	$7.23
327	Conservation Cover	Introduced Species	ac	$17.81
327	Conservation Cover	Orchard or Vineyard Alleyways	ac	$12.15
327	Conservation Cover	Native Species	ac	$20.02
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.34
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$3.56
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.29
338	Prescribed Burning	Volatile fuels < 4 ft tall	ac	$4.80
338	Prescribed Burning	Herbaceous Fuel	ac	$3.68
338	Prescribed Burning	Understory Burn	ac	$7.94

Code	Practice	Component	Units	Unit Cost
338	Prescribed Burning	Volatile fuels > 4 ft tall	ac	$6.10
338	Prescribed Burning	Site Preparation	ac	$17.48
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	$8.80
340	Cover Crop	Cover Crop - Basic Organic	ac	$10.70
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	$121.11
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	$34.78
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	$77.55
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.43
380	Windbreak/Shelterbelt Establishment	1 row windbreak, hardwood, hand planted	ft	$0.14
380	Windbreak/Shelterbelt Establishment	Single row of tree and shrub planting with tree tubelings	ft	$0.20
380	Windbreak/Shelterbelt Establishment	Multi-row Tree/shrub, containerized stock	ft	$0.52
380	Windbreak/Shelterbelt Establishment	1 row windbreak, conifers, hand planted	ft	$0.06
382	Fence	Woven Wire	ft	$0.33
382	Fence	Electric 2 strand	ft	$0.16
382	Fence	Barbed or Smooth Wire	ft	$0.19
382	Fence	Electric 3 strand	ft	$0.21
382	Fence	Electric - 4 or more strands	ft	$0.26
383	Fuelbreak	Hand Tools	ac	$194.40
383	Fuelbreak	Masticator	ac	$154.36
383	Fuelbreak	Non Forest	ac	$28.39
383	Fuelbreak	Masticator, Steel Slope	ac	$215.91
384	Woody Residue Treatment	Silvicultural slash treatment- light	ac	$20.44
386	Field Border	Field Border, Native Species	ac	$13.07
386	Field Border	Field Border, Introduced Species	ac	$9.51
390	Riparian Herbaceous Cover	Native Seeding, Cropland	ac	$190.73
390	Riparian Herbaceous Cover	Native Seeding, Pasture	ac	$169.94
391	Riparian Forest Buffer	Bareroot, hand planted with tube	ac	$402.55
391	Riparian Forest Buffer	Small container, hand planted	ac	$337.86
391	Riparian Forest Buffer	Large container, hand planted	ac	$647.45
391	Riparian Forest Buffer	Bareroot, machine planted, with tree tubes	ac	$411.78
393	Filter Strip	Filter Strip, Introduced species	ac	$19.25

Code	Practice	Component	Units	Unit Cost
393	Filter Strip	Filter Strip, Native species	ac	$17.89
394	Firebreak	Constructed - Medium equipment, flat-medium slopes	ft	$0.06
394	Firebreak	Constructed - Wide, bladed or disked firebreak	ft	$0.41
394	Firebreak	Constructed - Medium equipment, steep slopes	ft	$0.16
394	Firebreak	Constructed - Light Equipment	ft	$0.00
395	Stream Habitat Improvement and Management	Instream rock placement	ac	$1,483.20
395	Stream Habitat Improvement and Management	Cribbing Mudsill 10 section	Ea	$124.75
395	Stream Habitat Improvement and Management	Fish Barrier	CuYd	$712.25
395	Stream Habitat Improvement and Management	Deflector, Rock > 80 ton	Ea	$613.25
395	Stream Habitat Improvement and Management	Deflector, Rock <= 80 ton	Ea	$412.42
396	Aquatic Organism Passage	Concrete Box Culvert	Ea	$5,918.95
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	$16.82
396	Aquatic Organism Passage	Low Water Crossing	CuYd	$76.10
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$7.32
396	Aquatic Organism Passage	Blockage Removal	CuYd	$11.57
396	Aquatic Organism Passage	Nature-Like Fishway	ac	$11,485.07
396	Aquatic Organism Passage	CMP Culvert	Ea	$3,428.66
396	Aquatic Organism Passage	Bottomless Culvert	Ea	$5,109.07
410	Grade Stabilization Structure	Check Dams	ton	$6.46
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	$7.92
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	$9.94
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	$2.73
410	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	$1.58
412	Grassed Waterway	Waterway, over 0.2 acres	ac	$518.67
412	Grassed Waterway	Waterway, small, 0.2 Acres or less	sq ft	$0.02
412	Grassed Waterway	Grass Waterway with Stone Checks	ac	$696.34
422	Hedgerow	Contour Introduced	ft	$0.07
422	Hedgerow	Contour Native	ft	$0.10
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 6 inches	ft	$0.99
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 12 Inches	LnFt	$3.17
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8 Inches	LnFt	$1.45

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 4 Inches	LnFt	$0.62
430	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing) 8 Inches	LnFt	$1.55
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10 inches or greater	ft	$2.29
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10 inch	ft	$2.45
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 3 inch or less	ft	$0.44
430	Irrigation Pipeline	PVC (Iron Pipe Size), 4 inches or less	ft	$0.54
430	Irrigation Pipeline	PVC (Iron Pipe Size) 6 inches to 8 inches	LnFt	$1.49
449	Irrigation Water Management	Basic IWM over 30 acres	ac	$1.61
449	Irrigation Water Management	Basic IWM 30 acres or less	ac	$2.97
484	Mulching	Natural Material - Full Coverage	ac	$58.32
484	Mulching	Erosion Control Blanket	sq ft	$0.02
484	Mulching	Leaf Mulching	ac	$9.61
490	Tree/Shrub Site Preparation	Chemical, Hand Application	ac	$12.85
490	Tree/Shrub Site Preparation	Hand site preparation	ac	$23.46
490	Tree/Shrub Site Preparation	Mechanical, Heavy	ac	$30.71
490	Tree/Shrub Site Preparation	Mechanical, Light	ac	$10.02
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	ac	$5.07
511	Forage Harvest Management	Improved Forage Quality	ac	$1.19
512	Forage and Biomass Planting	Native Perennial Grasses (1 species)	ac	$36.56
512	Forage and Biomass Planting	Introduced Cool Season Grass Mix	ac	$36.81
512	Forage and Biomass Planting	Native Perennial Warm Season Grasses Mix	ac	$51.04
512	Forage and Biomass Planting	Organic Introduced Perennial Cool Season Grasses with legume	ac	$31.83
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG, 1 species	ac	$29.91
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG Mix	ac	$50.37
528	Prescribed Grazing	Pasture Standard, Paddock Residency 3 or more days	ac	$3.14
533	Pumping Plant	Electric Powered Pump 3 Hp or less with pressure tank and pump housing	Ea	$678.84
533	Pumping Plant	Electric Powered Pump 3 Hp or less	Ea	$181.63
533	Pumping Plant	Electric Powered Pump 3 HP or less with Pressure Tank	Ea	$265.17
533	Pumping Plant	1 hp pump or Siphon or Flout	Ea	$116.30
558	Roof Runoff Structure	Roof Gutter	ft	$0.94
558	Roof Runoff Structure	Roof Gutter with Fascia	ft	$1.45

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	Trench Drain	ft	$1.37
578	Stream Crossing	Ramp only with Cattle Slats	sq ft	$1.06
578	Stream Crossing	Ramps and channel with Cattle Slats	sq ft	$1.43
578	Stream Crossing	Ford with Water Management	sq ft	$1.97
580	Streambank and Shoreline Protection	Structural small, banks less than 4 ft	CuYd	$13.79
580	Streambank and Shoreline Protection	Bioengineered with Toe Protection	sq ft	$0.42
587	Structure for Water Control	Water Bar	Ea	$83.70
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.86
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	$28.85
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.84
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.72
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$75.68
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$58.41
595	Integrated Pest Management	Basic IPM Orchard >1RC	ac	$18.92
595	Integrated Pest Management	Basic IPM Orchard 1RC	ac	$12.38
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$12.38
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$2.32
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$9.62
612	Tree/Shrub Establishment	Low Density Hand Plant with tubes	ac	$132.38
612	Tree/Shrub Establishment	High Density, Mechanical plant with tubes	ac	$369.16
614	Watering Facility	Frost Proof Trough (2 Ball)	Ea	$144.25
614	Watering Facility	Hydrant with prorated trough cost	Ea	$17.69
614	Watering Facility	Storage Tank	Ea	$151.65
614	Watering Facility	Gravity Concrete Trough	Ea	$157.30
614	Watering Facility	Portable Trough with Hydrant	Ea	$22.60
614	Watering Facility	Portable Trough	Ea	$14.59
646	Shallow Water Development and Management	Shallow Water Management	ac	$2.32
647	Early Successional Habitat Development/Management	Early Successional Wildlife Openings	ac	$133.54
647	Early Successional Habitat Development/Management	Overstory Removal	ac	$57.70
647	Early Successional Habitat Development/Management	Disking	ac	$5.15
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ea	$20.40

Code	Practice	Component	Units	Unit Cost
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	Ea	$18.45
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	ft	$0.37
666	Forest Stand Improvement	Single Stem Chemical Thinning	ac	$38.43
666	Forest Stand Improvement	Basal Stem Treatment	ac	$44.21
666	Forest Stand Improvement	Mechanical, Heavy Equipment	ac	$54.94
666	Forest Stand Improvement	Chemical, Ground	ac	$20.75
666	Forest Stand Improvement	Thinning Hand Tools with a Consultant	ac	$33.00
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	$1,027.29
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	$1,027.29
B000CPL1	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	$45.97
B000CPL2	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	$45.97
B000CPL3	Crop Bundle#3 - Soil health rotation, No till	Crop Bundle#3 - Soil health rotation, NT	ac	$50.01
B000CPL4	Crop Bundle#4 - Soil health rotation, Reduced till	Crop Bundle#4 - SH rotation, RT	ac	$50.01
B000CPL5	Crop Bundle#5 - Soil Health Assessment, No till	Crop Bundle#5 - SH Assessment, NT	ac	$55.32
B000CPL6	Crop Bundle#6 - Soil Health Assessment, Reduced till	Crop Bundle#6 - SH Assessment, RT	ac	$55.32
B000CPL7	Crop Bundle#7 - Soil Health -'Organic'	Crop Bundle#7 - Soil Health -"Organic"	ac	$49.57
B000CPL8	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - "Organic", Water erosion	ac	$37.59
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$95.80
B000PST1	Pasture Bundle#1 - Organic	Pasture Bundle#1 - Organic	ac	$101.47
B000PST2	Pasture Bundle#2	Pasture Bundle#2	ac	$19.51
B000PST3	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	$34.62
B000PST4	Pasture Bundle#4 - Monarch butterfly	Pasture Bundle#4 - Monarch butterfly	ac	$53.32
B000WLW	Working Lands for Wildlife Bundle	Working Lands for Wildlife Bundle	ac	$3.44
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$17.43
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$14.75
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$14.75
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$14.75
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$322.01

Code	Practice	Component	Units	Unit Cost
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$2,388.55
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$322.01
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$322.01
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$5.14
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$14.40
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$3.09
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$5.14
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$14.40
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$5.14
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$9.76
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$5.14
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$5.14
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$14.40
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$5.14
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$14.40
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$3.09
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$4.11
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$3.09
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$3.09
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$3.09
E329144Z	No till to reduce energy	No till to reduce energy	ac	$4.11
E338134Z	Strategic patch burning for grazing distribution/wildlife habitat (undesirable plant pressure)	Patch burning-plant pest pressure	ac	$8.41
E338135Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)	Patch burning-fuel loading	ac	$8.41
E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	ac	$98.58
E338137Z1	Sequential patch burning	Sequential patch burning	ac	$172.17

Code	Practice	Component	Units	Unit Cost
E338137Z2	Short-interval burn	Short-interval burn	ac	$50.63
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	$96.01
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$7.93
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$12.50
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	$12.29
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$11.14
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$14.71
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$10.79
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$10.79
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$10.79
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$11.14
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$4.11
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$4.11
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$3.09
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$3.09
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$3.09
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$3.09
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	$247.72
E374144Z2	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$7,919.21
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.15
E383135Z	Grazing-maintained fuel break to reduce the risk of fire	Grazed fuel break	ac	$261.19
E384135Z	Biochar production from woody residue	Biochar production from woody residue	ac	$4,963.68
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	$751.69
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$751.69

Code	Practice	Component	Units	Unit Cost
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	$751.69
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$751.69
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$751.69
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$751.69
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$577.12
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$577.12
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$770.98
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,790.08
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,813.29
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,813.29
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,813.29
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$957.36
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$957.36
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$957.36
E395137X	Stream habitat improvement through placement of woody biomass	Stream habitat improvement with wood	ac	$21,652.88
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$5.70
E449114Z7	Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making	Advanced Automated IWM - Year 2-5, soil moisture monitoring	ac	$19.73
E449114Z8	Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in dec	Advanced Automated IWM - Year 1 Equipment and soil moisture monitoring	ac	$57.99
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$2.06
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$3.77
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.68
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$3.77
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$14.58
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$14.71

Code	Practice	Component	Units	Unit Cost
E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	Forage planting for feedstocks	ac	$36.28
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$21.55
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$55.36
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$74.44
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$57.66
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$57.66
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$74.44
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	$26.45
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$25.44
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	$58.69
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	$58.69
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$54.20
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.67
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$9.29
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$15.33
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	$1.83
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	$1.83
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$15.33
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$13.64
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$9.30
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	$23.68
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$23.68
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.99
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.51

Code	Practice	Component	Units	Unit Cost
E528136Z2	Incorporating wildlife refuge areas in contingency plans for wildlife food	Add wildlife refuge area-food	ac	$16.18
E528136Z3	Grazing management that improves Monarch butterfly habitat	Grazing mgmt-Monarch	ac	$8.74
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.51
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	$16.18
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	$16.18
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$3.76
E528140Z2	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Add wildlife refuge area-forage	ac	$2.73
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$8,386.82
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,923.29
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,923.29
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$17.76
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$10.89
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$17.76
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$10.89
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$10.89
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$14.28
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$6.58
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$5.14
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$6.58
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$757.07
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$922.66
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$635.78

Code	Practice	Component	Units	Unit Cost
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$172.19
E612133X2	Cultural plantings	Cultural plantings	ac	$1,414.04
E612133X3	Sugarbush management	Sugarbush management	ac	$680.53
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,316.64
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,316.64
E643132X	Restoration of sensitive coastal vegetative communities	Restore sensitive coastal veg community	Ea	$126.13
E643139X	Creating native plant refugia	Creating native plant refugia	ft	$7.98
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduce human-subsidized predators	ac	$90.43
E646136Z1	Close structures to capture/retain rainfall to improve food for waterfowl/wading birds during winter	Close structures to improve food	ac	$27.91
E646136Z2	Extend retention of rainfall to provide food for late winter habitat	Extend retention - food	ac	$32.81
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	Late season shallow water - food	ac	$56.91
E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources	Extended late season shallow water-food	ac	$62.99
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	$1,797.65
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$41.98
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$41.98
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$251.21
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$251.21
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$251.21
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$13.37
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	$378.05
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$287.99
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$549.03
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	$512.25
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$251.21

Code	Practice	Component	Units	Unit Cost
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$289.76
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$287.99
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$320.67
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$54.44
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$214.57
E666137Z3	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	$512.25
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$320.67
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$251.21